AS.

TS.

Orginal/Duplicate/Triplicate

Est. Cost : Rs. 150.00 Lakhs

No : First & Final

CONTRACT CERTIFICATE

(for Other Works)

Date.....20.....

Division : Dasarahalli

Sub-Division

Bill Received No. 020 Dated 16/05/22 Cash Book Vocher No.....dated.....

Schedule Doctet No.

Head of Account : **Job Code No. 014-20-000018**

Name of Work: Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14 Bagalagunte, dasarahalli-sub-Division

Name of Contractor and Full address : KRDIL

Reference to Agreement No. **Date:**

Certified that the measurments were taken by me on 20/04/22 and recorded of Pages 485172 to 485177 of measurment Book No. 4852/19-20 and that the work is satisfactorily executed

Contractor

Officer-in-charge of work

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 056

Certified that measurments were taken by me on 20/04/2022 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account ii have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed by the contractor is recorded in the office.

Sub-Division-Officer

ಪಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ. ಪಿ.ಪಿ.ಎಂ.ಸಿ
ಬೆಂಗಳೂರು-560073

If Memorandum of Payment

1) Total value of work done or suppliers made as per account with in

2) Deduct amount to be held in reserve being .....Present Rs.....

3) " Balance

4) Deduct Payment :

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....

Amount adjusted towards cash advance recovery of

b) Payments cost store or other materials supplied.

Now made recovery of amount creditable to this other work

Amount paid on this bill Cheque/Cash

5) Balance being unpaid value of work done held in reserve

6) Deduct cash advance made on the Office Cash Book Vocher No.....dated.....less adjustments

7) Net amount due to or from comtractor

unadjusted items

8) Advance to contractor for materials brought to site as detailed within value of Government materials supplied

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-73

1st and Final Bill → 1,44,07,179-00

IT → 288144-00
LWC → 144072-00
CBF → 14407-00
FSD → 720359-00
Rty → 216915-00
Fire → 4575-00
CESS → 128636-00
SESS → 128636-00

1645744/-

Net → 1,27,61,435-00

Contractors Signature

EXECUTIVE ENGINEER
KRIDL, BE ENGINEER-4
BENGALU

Received Rs.....(in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated.....Signature of contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer making Payment

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 056

Stamp

Audited and admitted for Rs 14407179/-

Passed by Cheque for Rs 12761435/-

one crore Twenty seven Lakhs Sixty one Thousand Four hundred Thirty Five Rupees only

by adjustment Rs 1645744/-

Accountants Superintendent
B.B.M.P. Dasarahalli Division

Exe. Engineer
Executive Engineer

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BRUHATH BANGALORE MAHANAGARA PALIKE

Improvements to Roads and Drains at Bagalagunte old village Harijana Colony in Ward No 14

Bagalagunte, dasarahalli-sub-Division ,

SL.no.08,g.o.no.90 (Package no. -dhz 01)

First and Final

Sl.No	Description of work	Unit	BOQ		Previous Measurement			Present Measurement		Total UP-to-date		Rmks
			Qty	Rate Rs.	Qty	Rate Rs.	Cost	Qty.	Cost	Qty.	Cost	
1	Removing and resetting of footpath slab Item No 37.56	Sqm	1026.75	208.82	0.00	208.82	0.00	1026.75	214405.94	1026.75	214405.94	
2	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to<tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 2.00 km and complete as per specifications. \ MORTH Specification No.301 Item No 19.14	Cum	382.95	43.46	0.00	43.46	0.00	382.95	16643.01	382.95	16643.01	
3	KSRRB300-1. Earthwork excavation by manual means for roads, drains Cum & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Item No 19.1	Cum	1148.73	137.80	0.00	137.80	0.00	1142.77	157473.71	1142.77	157473.71	
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete Cum of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2 Item No 4.2	Cum	76.60	5714.97	0.00	5714.97	0.00	76.60	437766.70	76.60	437766.70	
5	Providing and laying in position reinforced cement Cum concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 Item No 4.12	Cum	315.65	5775.37	0.00	5775.37	0.00	312.52	1804918.63	312.52	1804918.63	

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6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	2289.04	379.48	0.00	379.48	0.00	2289.04	868644.90	2289.04	868644.90	
7	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. workincluding straightening, cutting, bending, hooking, placing in position,lapping and/or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.MORTH Specification No.1600 & 220 Item No 28.8.2	Tonne	20.85	72326.98	0.00	72326.98	0.00	20.31	1468961.00 1469240.05	20.31	1468961.00 1469240.05	
8	Providing and constructing granite I trap / basalt size stone masonry in foundation with cement mortar & stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, HOM, curing complete as per specifications. KBS 5.1.13	Cum	23.81	4763.64	0.00	4763.64	0.00	23.81	113422.27	23.81	113422.27	
9	KSRB 4-1.1: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials,labour, HOM curing complete as per specificationsSpecification No. KBS 4.1,4.2	Cum	35.55	5599.98	0.00	5599.98	0.00	35.55	199079.29	35.55	199079.29	
10	Providing ruled pointing 20mm deep, after rak Coursed stone masonry with cement mortar, cost of materials, lab depth of 20mm nicely lining, includingUr> HOM curing complete as per specifications Item No 34.13	Sqm	172.50	49.06	0.00	49.06	0.00	172.50	8462.85	172.50	8462.85	
11	Providing and laying pre-cast drain cover slabs of 100mm thickness in C.M (1:3) including cost and of all materials, labour,curing transportaion loading and unloading etc. as per directions of the Engineer-in-charge of the work.(date rate approved)	Sqm	1061.10	1615.00	0.00	1615.00	0.00	1061.10	1713676.50	1061.10	1713676.50	
12	Providing and laying pre-cast drain cover slabs of 250mm thickness in C.M (1:3) including cost and of all materials, labour,curing transportaion loading and unloading etc. as per directions of the Engineer-in-charge of the work.(date rate approved)	Sqm	105.09	5418.00	0.00	5418.00	0.00	105.09	569377.62	105.09	569377.62	

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13	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottomwidth 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. Item No 5.30	No,s	1424.00	435.84	0.00	435.84	0.00	1424.00	620636.16	1424.00	620636.16	
14	Removing and resetting of kerb stones Item No 37.57	Mtr	912.00	104.94	0.00	104.94	0.00	912.00	95705.28	912.00	95705.28	
15	KSRRB 800-1. Painting two coats after filling the surface with synthetic Sqm enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Item No 24.1	Sqm	420.00	84.80	0.00	84.80	0.00	365.67	31008.82	365.67	31008.82	
16	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick Sqm along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications. MORTH I Chapter 3 Item No 19.56	Sqm	1007.64	41.34	0.00	41.34	0.00	1007.64	41655.84	1007.64	41655.84	
17	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.MORTH Specification No.301 (KPWD SR 2018-19, Page No.143, Item No.19.14)	Cum	172.20	149.46	0.00	149.46	0.00	172.20	25737.01	172.20	25737.01	
18	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding0.02 cum in volume and stock piling at designated locations and disposalof dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.MORTH Specification No. 202 Item No 18.47	Cum	117.30	952.94	0.00	952.94	0.00	117.30	111779.86	117.30	111779.86	
19	KSRRB 300-48. Scarifying kankar I gravel I metal crust by mechanical means upto 150mm thick disposal of stuff including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3 Item No 19.54	Sqm	782.00	25.44	0.00	25.44	0.00	782.00	19894.08	782.00	19894.08	

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20	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Item no 20.18	Cum	381.45	2001.28	0.00	2001.28	0.00	381.45	763388.26	381.45	763388.26	
21	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.Clause 502 of MORTH V revision item No 21.6	Sqm	2231.00	33.92	0.00	33.92	0.00	2231.00	75675.52	2231.00	75675.52	
22	KSRRB 500-9. Providing and applying tack coat using 80/100 grade bitumen(VGIO) on granular base such as WBM surfaces hot bitumen primed at 4 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision Item No 21.2	Sqm	5142.75	21.20	0.00	21.20	0.00	5142.75	109026.30	5142.75	109026.30	
23	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision Item No 21.2	Sqm	5279.00	5.30	0.00	5.30	0.00	5279.00	27978.70	5279.00	27978.70	
24	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision Item No 21.17	Cum	111.55	7428.48	0.00	7428.48	0.00	111.55	828646.94	111.55	828646.94	

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25	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications.Clause 507 of MORTH V revision as per IRC SP-53-2015 Item No 21.78.12	Cum	278.80	8699.42	0.00	8699.42	0.00	278.80	2425398.30	278.80	2425398.30	
26	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as apporved by Engineer Incharge	Sqm	4.99	71.03	0.00	71.03	0.00	4.96	352.31	4.96	352.31	
											12749716-00	
										Sub Total :	12749994.83	
										KRIDL Charges @ 1% On Construction Cost :	127499.95	127497/-
										GST at 12% of Tender Amount :	1529999.38	1529966/-
										Grand Total :	14407494.16	
IN WORDS : Rupees One Crore Fourty Four Lakhs Seven Thousand Four Hundred Ninty Four and Paise Sixteen Only											TOTal = 14407179-00	

Certificate

1 The above work has been Completed satisfactorily

2 The debris has been removed and disposed from the work spot.

3 No. departmental issues are made to the contractor

Consultant Representative

Civil-Tech Consultants & Engineers Bangalore

Assistant Engineer
Ward No. 14
BBMP-Bengaluru

Assistant Excutive Engineer
Shettihalli Sub Division
BBMP-Bengaluru

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ಶೆ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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